

Report Date: 01 Feb 2013

**Summary Report for Individual Task
071-060-0004
Prepare a M98-series Javelin for Firing
Status: Approved**

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Condition: As a gunner, given an M98A1 or M98A2 Javelin, a command launch unit (CLU), a target, and day/night vision sight (NVS). You have been directed to prepare the Javelin for firing. Some iterations of this task should be performed in MOPP.

Standard: Inspect the major components, prepare the command launch unit (CLU), assemble the Javelin, and power up the CLU.

Special Condition: None

Special Standards: None

Special Equipment:

Safety Level: Low

MOPP: Sometimes

Task Statements

Cue: None

<div>DANGER</div>

None

<div>WARNING</div>

The BA-5590/U battery contains pressurized lithium sulfur dioxide gas. It is highly toxic. Do not handle the battery in any way which may cause the battery to rupture.

<div>CAUTION</div>

None

Remarks: None

Notes: The Javelin is a medium range, manportable, recoilless, antitank assault weapon and is capable of defeating current and projected enemy armor, and hovering enemy helicopters. The Javelin can be used during the day, night, or degraded weather conditions. The Javelin is made up of a one-time expendable round and a CLU.

Performance Steps

1. Inspect major components of the M98-series javelin.
 - a. Inspect CLU and round surfaces for heavy coating of dirt or mud.
 - (1) Dust if slightly dirty.
 - (2) Rinse area with clean water if very dirty.
 - (3) Clean all metal parts on CLU and round with clean dry cloth.
 - (4) Clean rubber or synthetic parts using water.
 - (5) Dry all parts with clean dry cloth.
 - b. Inspect daysight and night vision sight (NVS) lens.

CAUTION

Do not touch the lens with your hands or fingers. Wash hands before cleaning lenses. Natural oils produced by the skin are corrosive to lens coatings.

- (1) Open daysight and NVS lens covers.

CAUTION

Do not scrub lens surface. Optical coating may be damaged.

- (2) Pour clean water, repeatedly over lens until all dirt or mud is removed.
- (3) Dry lens with clean dry cloth.
- (4) Secure a lens cleaning paper.
- (5) Wipe the lens.
 - (a) Begin at center of lens.
 - (b) Apply light pressure with fingers.
 - (c) Wipe in an expanding circular motion (spiral) to edge of lens.
- (6) Close daysight and NVS lens covers.
- c. Inspect the round interface connectors for dirt or mud.
 - (1) Dust if slightly dirty.
 - (2) Rinse area with clean water if very dirty.

(3) Dry all wet parts with clean dry cloth.

2. Prepare the CLU.

a. Ensure the power switch is in the OFF position.

b. Install the CLU battery.

(1) Release the bail from the battery cover.

(2) Raise the battery cover.

(3) Clean the battery compartment of dirt or loose objects.

(4) Remove the white tape from the electrical connector.

(5) Shake the battery.

Note: This ensures the battery has not developed an oxidation layer between cells.

(6) Slide battery into battery compartment, making sure battery engages with battery interface connector.

(7) Replace the battery compartment cover.

(8) Secure the bail to the battery cover.

3. Assemble the Javelin.

a. Place the round on the ground with the flat sides of the end caps down and latch assembly facing up.

b. Kneel on the left side of the round, at the forward end, facing forward.

c. Remove the protective covers from the CLU interface connectors.

(1) Pull on tab of lanyard to snug protective cover against side of the round.

(2) Position protective cover so that no interference will exist when round is connected.

d. Remove the protective covers from the round interface connectors.

(1) Pull on tab of lanyard to snug protective cover against side of the CLU.

(2) Position protective cover so that no interference will exist when CLU is connected.

e. Place round interface bracket in round hooks.

f. Engage CLU and round interface connectors by sliding forward and press down on CLU.

Note: Round and CLU are connected correctly when latch release snaps into place.

g. Ensure that the round and CLU are connected.

(1) Rock the CLU from side-to-side.

(2) Pick up the Javelin.

h. Remove the forward end cap.

(1) Remove the locking pin by pulling straight up on the wire rope.

(2) Turn the forward end cap latch release counterclockwise.

Note: If the forward end cap does not come off, press manual release button to relieve pressure.

CAUTION

With forward end cap removed, seeker dome is exposed. Use caution when tipping end of round down to avoid foreign material (rocks, mud, etc.) coming in contact with seeker dome.

(3) Remove forward end cap by lifting the Javelin away from the forward end cap.

i. Position open end of round on forward end cap.

4. Power up the CLU.

a. Open daysight and NVS lens covers on CLU.

b. Set power switch to the NIGHT position.

Note: The CLU has four modes of operation: Off, Day, Night (IR Surveillance) and test.

c. Verify the CLU indicators are lit.

Note: CLU indicators may flash on and off during initial power up. This indicates that the battery needs time to warm up before CLU can power up properly.

d. Perform battery warm-up procedures, as required.

(1) Turn the power switch to the DAY position for 30 to 60 seconds.

(2) Turn the power switch to the OFF position, then back to the NIGHT position.

e. Repeat warm-up if indicators continue to flash.

f. Adjust diopter adjust ring for best clarity of CLU display.

Note: The Javelin is now prepared to engage a target.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: SETUP: Provide the Soldier with the equipment and/or materials described in the conditions statement.

BRIEF THE SOLDIER: Tell the Soldier what is expected by reviewing the task standards. Stress to the Soldier the importance of observing all cautions, warnings, and dangers to avoid injury to personnel and, if applicable, damage to equipment.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Inspect major components of the M98-series javelin.			
2. Prepared the CLU.			
3. Assembled the Javelin.			
4. Powered up the CLU.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 3-22.37	Javelin - Close Combat Missile System, Medium	No	Yes
	TM 9-1425-1687-10	Operator's Manual for the Javelin Weapon System M98A2 (NSN: 1430-01532-8900)(EIC: NA){Marine Corps TM 09397D-OR}	No	Yes
	TM 9-1425-688-10	Operator's Manual for the Javelin Weapon System M98A1 (NSN 1430-01-433-8025) (EIC: PLC) M98A1 (1430-01-542-6998) (EIC: NA) {TM 09397C-OR}	No	Yes

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
071-060-0007	Restore a M98-series Javelin to Carrying Configuration	071 - Infantry (Individual)	Approved
071-060-0001	Construct a Fighting Position for a Javelin	071 - Infantry (Individual)	Approved
071-060-0003	Maintain a Javelin	071 - Infantry (Individual)	Approved
071-060-0006	React to Javelin that Fails to Fire	071 - Infantry (Individual)	Approved
071-060-0005	Engage Targets with a Javelin	071 - Infantry (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
071-060-0005	Engage Targets with a Javelin	071 - Infantry (Individual)	Approved
071-060-0006	React to Javelin that Fails to Fire	071 - Infantry (Individual)	Approved

071-060-0007	Restore a M98-series Javelin to Carrying Configuration	071 - Infantry (Individual)	Approved
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Supported Collective Tasks :

Task Number	Title	Proponent	Status
07-2-9003	Conduct a Defense (Platoon-Company)	07 - Infantry (Collective)	Approved
07-3-1342	Occupy an Antiarmor Firing Position (Section-Platoon)	07 - Infantry (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
Armor 2LT	Officer	AOC: 19B, Rank: 2LT
Cavalry Scout, SL1	Enlisted	MOS: 19D, Skill Level: SL1
19D10 Calvary Scout, Version 1.00	Enlisted	MOS: 19D, Skill Level: SL1
19A Officer Lieutenant, Version 1.00	Officer	AOC: 19A, Rank: 1LT
11B10, Infantryman - Version 1.00	Enlisted	MOS: 11B, Skill Level: SL1
11A Officer Lieutenant, Version 1.00	Officer	AOC: 11A, Rank: 1LT